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In our country of great distances such meetings seem especially important, not only on account of the inspiration resulting from the close contact with those of similar pursuits, but also on account of the opportunities to correct erroneous impressions in regard to the relative importance of the various lines of investigations. It is to be hoped that the future meetings of the Chicago Section will exert a still stronger influence on Western mathematics in both of these lines.

G. A. MILLER.

*Ithaca, N. Y., January 5, 1898.*

## EDITORIALS.

Dr. Lovett's article on Lie's Transformation Groups came too late for publication in this issue.

Through the courtesy of T. J. McCormack, assistant editor of the Open Court, we were enabled to present in the January number, a portrait of Leonhard Euler. A portait and biography of Euler appeared in the November number of the Open Court.

We note with pleasure that our valued contributor Dr. G. A. Miller has been appointed instructor in mathematics at Cornell University. His work began the first of this year. The *Cornell Era* of Feb. 5th expresses high appreciation of the fact that Cornell has been fortunate enough to secure so valuable an addition to its Faculty of mathematical instructors. Dr. Miller is a young mathematician of great promise. In the summer of 1895 he went to Germany and spent one year almost entirely in working with Professor Lie, the following year he spent at Paris working with Professor Jordan. That Dr. Miller has done some very fine work in the subject of groups, is sufficiently attested by the fact that both Jordan and Picard have presented his communications to the Paris Academy of Science.

### *BOOKS AND PERIODICALS.*

*College Algebra.* By Edward A. Bowser, LL. D., Professor of Mathematics and Engineering in Rutgers College, New Brunswick, N. J. 558 pages. Boston: D. C. Heath & Co.

This work has become so far established in favor that it needs no special commendation from us. In matters, arrangement, and manner of treatment this book has numerous good features. It has just been adopted as the text to be used in the new Cosmopolitan University correspondence course. J. M. C.

(1) *Elements of Calculus.* By James M. Taylor, A. M., Professor of Mathematics, Colgate University. 249 pages. Boston: Ginn & Company.

(2) *Elements of Determinants.* By Paul H. Hanus, Assistant Professor of